

PI 547212 to 547226-continued

PI 547225 **origin:** United States. **collected:** September 23, 1989. **collector id:** STR-2076. **other id:** Ames 13053. **source:** NC-7. **group:** Ames. **locality:** Drainage ditch along edge of soybean field, edge of small stream, extending for about a km along bank of stream. Hwy. 246W, 3.2km west of Martz, Clay County. **latitude:** 39 deg. 14 min. W. **longitude:** 87 deg. 08 min. N. **remarks:** Seed collected from 150 plants, large spreading population. Collection #2076. Seed.

PI 547226 **origin:** United States. **collected:** September 24, 1989. **collector id:** STR-2095. **other id:** Ames 13054. **source:** NC-7. **group:** Ames. **locality:** Plants along lower slope of steep bank of roadside ditch. Hwy. 96W, 1.6km southwest of Lomax, Henderson County. **latitude:** 40 deg. 40 min. W. **longitude:** 91 deg. 06 min. N. **remarks:** Seed collected from ca. 50 plants, isolated population, but had seen scattered population before. Seed set good. Plants were short for *H. strumosus*, but were growing on roadside bank. Lower surface of leaves tomentose, highly veined. Specimen collected. Collection #2095. Seed.

PI 547227 to 547248. *Helianthus tuberosus* L. ASTERACEAE

**Donated by:** Seiler, G.J., Agricultural Research Service -- USDA, P.O. Box 5677, Fargo, North Dakota, United States. Received February 12, 1991.

PI 547227 **origin:** United States. **collected:** September 15, 1989. **collector id:** TUB-2024. **other id:** Ames 13055. **source:** NC-7. **group:** Ames. **locality:** Edge of roadside ditch, edge of corn field, near farm house. Sandy loam soil, wet at times of the year. Hwy. 78N, 8.5km northeast of Mirrimace, Columbia County. **latitude:** 43 deg. 24 min. W. **longitude:** 89 deg. 43 min. N. **remarks:** Seed collected from 50 plants. Plants just in peak flowering seed set low, only 1-4 seeds per head. Large seeds but probably good. Plants did not appear to be typical *tuberosus*, tubers were usually few and small. Plants had some *H. strumosus* (leaves tomentose below) characteristics. Sever rust present some plants appear dead from rust. Spores collected. Specimen collected. Collection #2024. Seed.